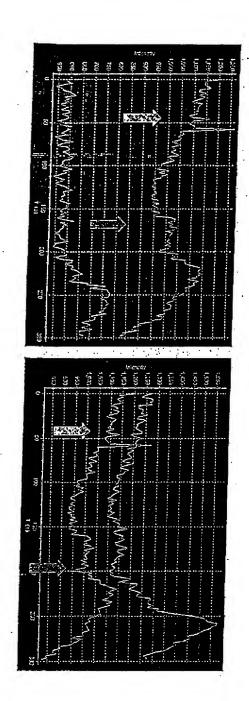
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## Figure 3: Magnetic activation of Trek-1 monitored via downstream changes in intracellular calcium

the cells without magnetic particles attached. lines indicate the cells with magnetic particles attached. Green and White lines indicate COS-7 cells cotransfected with 'Flash' perican and 12His.Trek-1—Red and yellow

Magnetic field applied for 1 sec - yellow arrow.

Application of 100uM Riluzole to the culture media — red arrow

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